

DRAWING NUMBER

A-98 DRAWING NUMBER 33-147
CAMERON GENERAL CORP. 577-897
A-2

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GENERAL REQUIREMENTS

The classification and application of all materials shall be in accordance with the current printed manufacturer's instructions and recommendations.

MOVABLE GYPSUM WALLBOARD PARTITIONS

Wall studs shall be roll formed channel type sections fabricated of U.S.S. No. 23 gauge, galvanized sheet steel, 2 1/2 inches wide and to the longest one piece lengths available.

Ground wallboard shall be grade "X" fire-retardant wallboard 48 inches wide and of thickness indicated on the Contract Drawings and shall be of uniform quality conforming to Federal Specification B24-33 and to ASTM C36.

Wallboard shall be furnished and installed in the longest available lengths so that wallboard panels extend vertically in one piece from floor to ceiling and/or slabs, beams or decks above, as required.

Wallboard used in fire rated partitions shall be delivered to the construction site bearing Underwriters Laboratory certification and U.S.C. Board of Standards and Appeals Calendar numbers.

Trim and door frames shall be roll formed channel type sections fabricated of U.S.S. No. 23 gauge, galvanized steel. Runners shall be in 10'-0" lengths.

Trim shall be fabricated of U.S.S. No. 23 gauge galvanized steel and shall include corner reinforcement and casing type edge trim.

Corner reinforcement shall be complete with perforated tape wings, and shall be type No. 11 "Fort-a-Bond" as manufactured by U. S. Gypsum Co., or an approved equal. Corner and edge trim members shall be in single lengths.

Runners for fastening wallboard to studs shall be bugle type wallpins used across specifically manufactured for power tool installation.

Joint compound shall be expressly manufactured by the wallboard manufacturer for use with the manufacturer's wallboard materials. Joint compound shall be the ready mixed type conforming to ASTM C473. Tape reinforcement shall be perforated and shall conform to ASTM C473. Taping and spackling shall be a three (3) coat application.

Before installing channel studs wrap top of stud with electrical tape to isolate metal stud from metal runner. Do not secure studs or gypsum wallboard to top channel runner.

Compatible fireproofing shall be tightly packed in voids between top channel of all fire rated partitions and flutes of slab above. Thermafiber Mineral Fireproofing shall be as manufactured by U. S. Gypsum Co. or an approved equal.

METAL AND GLASS PARTITIONS

Metal and glass partitions shall be one of the following:

Acme - 430 Series
Haworth - Bellows
Haworth - Monogram
L.W.T. Steel Products Inc. - Bell-Aire

PAINTS

Paints shall be as manufactured by Dupont & Reynolds, Dupont, Glidden or an approved equal.

Paints shall be of the type specifically manufactured for application to the surface to which it is to be applied.

All paint shall be applied carefully with good clean brushes, or approved rollers. Paint shall be evenly spread and when brushes are used shall be thoroughly brushed out. The work shall be so performed as to avoid damage to other surfaces. Any damage to adjacent surfaces shall be repaired to a satisfactory condition to the Engineer. Finish coats shall be smooth and free from runs, sags, holidays or other defects. Finish surfaces shall be uniform in color, color and texture. Each coat of paint shall be of sufficient thickness to cover completely the previous coat of surface.

White shall have one (1) coat of paint. Doors and frames shall have two (2) coats of paint both sides, unless otherwise noted.

Ceiling paint shall be painted, one coat Luminall satin paint, ACRYLONEX No. 21801 white, as manufactured by Luminall Paint Company or approved equal.

WALL COVERING

Prime and seal all surfaces scheduled for wall covering.

All work shall be in accordance with the manufacturer's printed instructions.

GLASS PARTITIONS

Glass shall be 3/8" thick particle board supported by continuous angle on three sides. Paint shall and angle to match walls. Glass pane shall be 1" O.D. 20 Ga. chrome plated steel tubing No. 1030 as manufactured by Fibre Tewel Holder Co. or approved equal.

MATERIALS THAT CAN BE PURCHASED FROM THE AUTHORITY

Materials can be purchased from the Port Authority by calling Mr. Charles Kowalski at 466-4155, who will inform you of the procedures to be followed.

Materials purchased can be obtained at the Port Level of 1 World Trade Center, Room 110 or from an area or areas designated by the Engineer.

Material storage area is open daily (except weekends and P.A. holidays) from 7:00 a.m. to 12:00 noon. For material withdrawals, call Mr. Dan Holly at 466-3278, 4335, 3575 or 4138 24 hours in advance for an appointment.

☐ All components for movable gypsum wallboard partition NOT AVAILABLE IN LIMITED QUANTITIES.

☐ Ceiling and floor runners for salvaged (movable gypsum wallboard) partition L.F.

☐ Vinyl asbestos floor tile L.F.

☐ Wall Base S.F.

☐ (a) Straight L.F.

☐ (b) Cove L.F.

☐ Acoustic ceiling tile and suspension system S.F.

☐ (a) 12" X 12" tile S.F.

☐ (b) 20" X 20" tile S.F.

☒ Hardware

Set I (2) pairs butts, (1) mortise lockset, (1) domestop, (3) silencers, (1) closer

SET II (4) pairs butts, (2) flush bolts, (1) mortise lockset, (1) closer, (2) domestops, (2) silencers, (1) coordinator

SET III (2) pairs butts, (1) latchset, (1) domestop, (3) silencers

SET IV (2) pairs butts, (1) domestop, (3) silencers, (lockset by others)

☐ Aluminum Saddles: 3'-0" 5'-0"

☐ Sliding door units: 4'-0" 5'-0" 6'-0"

☐ Hollow metal doors and frames

Door Description Hdw. Set

1 3'x7'-10 1/4" H.M. I

INSTALLATION OF MATERIALS

MOVABLE GYPSUM WALLBOARD PARTITIONS

The installation of movable gypsum wallboard partitions shall be in accordance with currently printed manufacturers instructions and recommendations unless otherwise directed by the engineer.

HARDWARE

Finish hardware installation shall conform to the manufacturers requirements. Installation shall be in a neat and skillful manner, with all components operating properly. All knobs, handles, pulls and other exposed items, shall be suitably wrapped and protected as soon as they have been installed and such protection shall remain until the acceptance of the work.

Immediately preceding final inspection all hardware shall be cleaned carefully by a method which will in no way damage it.

Butts - Stanley F88 179 X 4-1/2" x 4-1/2"
Mortise Lockset - Corbin #125-8551
Latch Set - Corbin #833-410
Closer - Corbin #500-S-3
Flush Bolts - Corbin #2846, 1-12" lg., 1-30" Lg.
Domestop - Corbin #373-1/2
Coordinator - Von Duprin #1237
Silencers - Corbin #33
Aluminum Saddles - Zero Weatherstripping Co., Inc. #654

HOLLOW METAL DOORS AND FRAMES

Frames shall be installed plumb, straight, and true with horizontal lines level and all vertical lines plumb. Frames shall be secured rigidly in place and shall be anchored to the floors, jamb and heads in an approved manner. All frames shall be braced until adjacent construction has been completed and has attained sufficient strength to maintain the frames in position.

Installation of door frames shall include all spacer clips, shims, channel lintels and sub-frames as shown, and all neoprene gaskets.

Doors shall be installed plumb and true with their frames and shall operate freely without binding.

After erection, all damaged areas in the shop coat, exposed surfaces of bolts, bolt heads, nuts and washers, and all field welds, (if necessary, and unpainted areas adjacent to field welds shall be painted with the same paint used in shop coating.

Doors and frames that are to be supplied by the contractor shall be similar and equal in every respect to those that are furnished by the Authority.

WALL BASE

Wall Base shall be applied against the wall with approved type cement adhesive keeping cement 1/4" below top of base. Adhesive for installation of base shall be furnished by the contractor. Vertical joints shall be held to a minimum with a minimum distance from a joint to a corner equal to 1'-0".

ACOUSTIC CEILING

Black iron carrying channels shall be securely supported by hangers fastened to the overhead structural members, channels shall be spaced as required to adequately support light fixtures, drapery pocket and the acoustic ceiling assembly.

Ceiling tile shall be installed in a true and even plane, butt joints tightly together, install metal edge moldings as required.

NOTES

1. The work required (PREMIUM) (STANDARD) clauses of this contract.

2. Before commencing work, the Contractor shall bring to the attention of the Engineer any dimensions and materials brought to the site.

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4. The Contractor shall be responsible for the structural members unless written approval is obtained from the Engineer.

5. The Contractor shall be responsible for any damage resulting from the work.

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7. The space around the partition shall not exceed 1/2" and shall be proved equal and on both sides of the partition.

8. Firestopping shall be installed in accordance with the requirements of the Authority.

9. All wood shall be protected with a fire retardant coating.

10. All interior fire partitions shall be constructed of non-combustible material.

11. Carpeting shall be installed in accordance with the requirements of the Authority.

12. Where rated partitions are installed, the Contractor shall be responsible for the fire rating.

13. Where unrated partitions are installed, the Contractor shall be responsible for the fire rating.

14. Partition dimensions shall be as shown on the drawings.

15. Centerlines of partitions shall be as shown on the drawings.

16. Partitions not located as shown shall be centered on the wall.

17. Unless otherwise noted, partitions shall be installed from adjacent walls.

18. Remove, modify or replace partitions as required by the Authority.

19. Modify drapery layout as required by the Authority.

20. Existing floor shall be restored as directed by the Authority.

21. Carpet installation shall be as shown on the drawings.

22. Rubber base shall be installed unless otherwise noted.

23. Unless required, paint existing partitions shall be painted to match door frame.

24. When movable partitions are installed, the Contractor shall reuse the material.